

ABSTRACT OF THE DISCLOSURE

A web tension measurement device includes a roller for a web of material, the movable roller having an axis of rotation moveable in a first direction by the web; a counteracting device connected to the movable roller, the counteracting device for forcing the axis of the roller in a second direction opposite the first direction; and a controller connected to the counteracting device for measuring the web tension. Also included is a method for measuring tension in a web which comprises the steps of running a web over a roller, an axis of the roller being movable in a first direction, counteracting the movement of the roller in a second direction opposite the first direction, and measuring a counteracting force or a variable so as to be able to determine a web tension.